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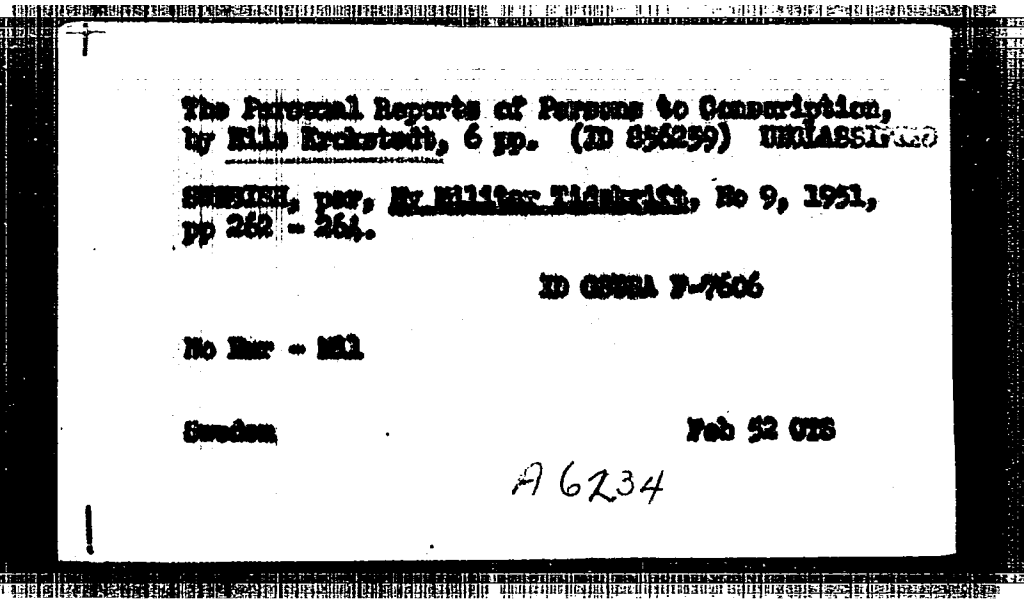

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DESCRIPTORS: *Steam, *Temperature control, Control, Gases, Heat transfer.

(Physics--Thermodynamics, TT, v. 6, no. 11)

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Trans. of Svetotekhnika (USSR) 1959, v. 5, no. 8, p. 5-13 and 18-20.

DESCRIPTORS: *Lighting equipment, *Industrial plants, *Housing, *Illumination, Light, Brightness, Diffusion, Measurement.
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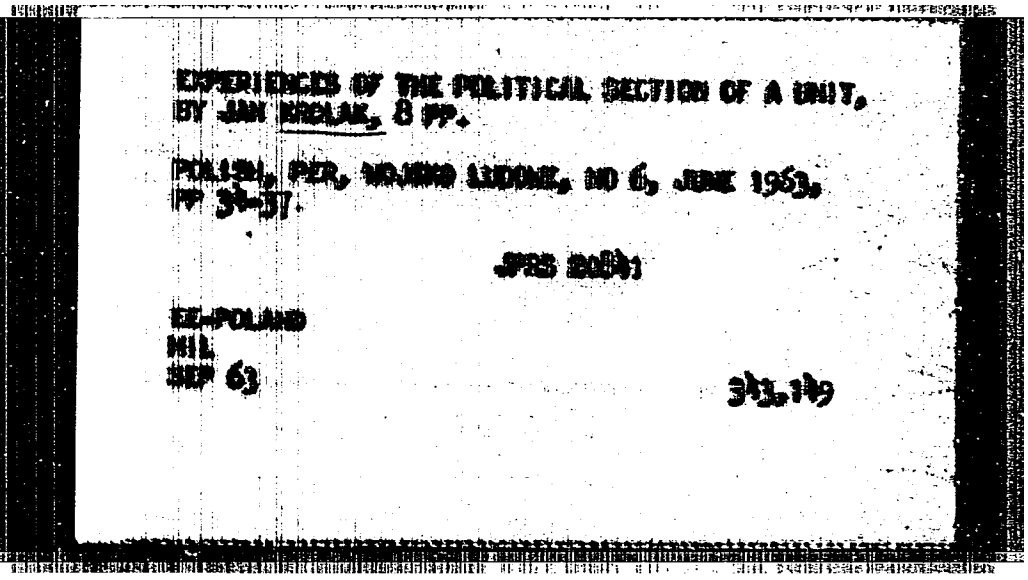

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DESCRIPTORS: *Steel wire, Wire, *Elasticity, Cables, Mathematical analysis.

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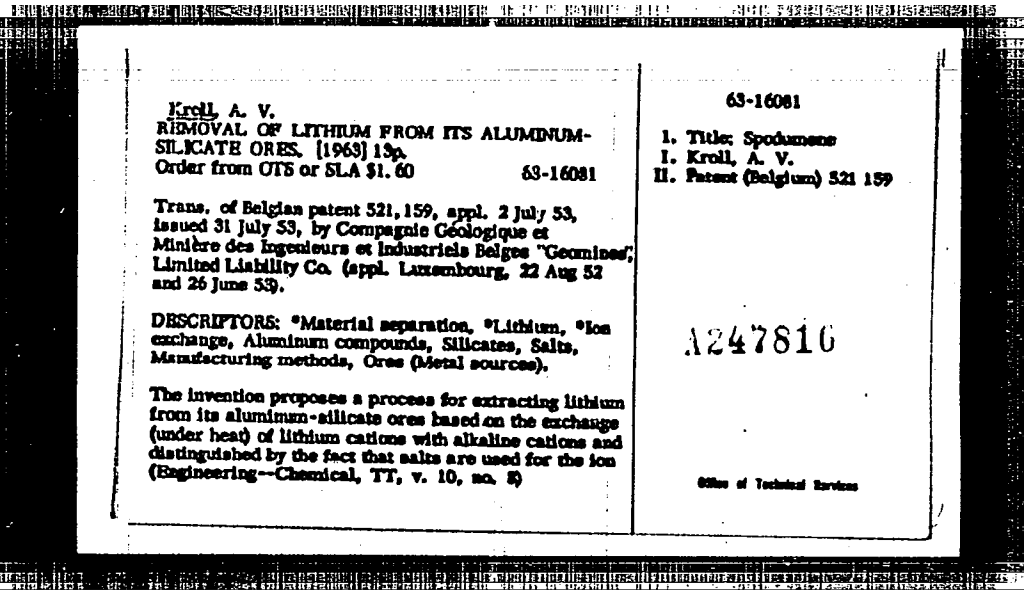

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REMOVAL OF LITHIUM FROM ITS ALUMINUM-SILICATE ORES. [1963] 13p.
Order from OTS or SLA $1.60 63-16081

Trans. of Belgian patent 521,159, appl. 2 July 53, issued 31 July 53, by Compagnie Géologique et Minière des Ingenieurs et Industriels Belges "Geomines", Limited Liability Co. (appl. Luxembourg, 22 Aug 52 and 26 June 53).

DESCRIPTORS: *Material separation, *Lithium, *Ion exchange, Aluminum compounds, Silicates, Salts, Manufacturing methods, Ores (Metal sources).

The invention proposes a process for extracting lithium from its aluminum-silicate ores based on the exchange (under heat) of lithium cations with alkaline cations and distinguished by the fact that salts are used for the ion (Engineering--Chemical, TT, v. 10, no. 5)

63-16081

1. Title: Spodumene
I. Kroll, A. V.
II. Patent (Belgium) 521 159

A247816

Office of Technical Services

APPROVED FOR RELEASE: 08/15/ 2001 CIA-RDP84-00581R000100300031-0

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Kroll, H., ed.
FABRICATION OF SWAGED FUEL ELEMENTS.
Quarterly rept. 8, 1 Apr-30 June 62, on Contract 062-61-7 RDD. [1962] 33p.
Order from OTS or SLA $3.60 EURAEC-372

Trans. of a rept. from Nuklear-Chemie und -Metallurgie G. m. b. H., Wolfgang bei Hanau a. M. (West Germany) n. d.

DESCRIPTORS: *Reactor fuel elements, Fuelelements, *Uranium compounds, *Dioxides, Powder metallurgy. Reactor fuel cladding, Melting, Vibration, Tests, Tools, Mechanical working, Material forming.

Topics include: UO_2 melting (Fabrication of G powder); cladding material; pre-compacting by vibration; swaging tests; and tests on the swaged fuel element (O/U ratio; density measurements, metallographic investigations, heat conductivity measurements).
(See also EURAEC-323)

63-15801

I. Kroll, H.
II. EURAEC-372
III. European Atomic Energy Community, Brussels (Belgium)

1242793

(Nuclear Physics--Nuclear Engineering, TT, v. 10, no. 5) Office of Technical Services

APPROVED FOR RELEASE: 08/15/ 2001 CIA-RDP84-00581R000100300031-0

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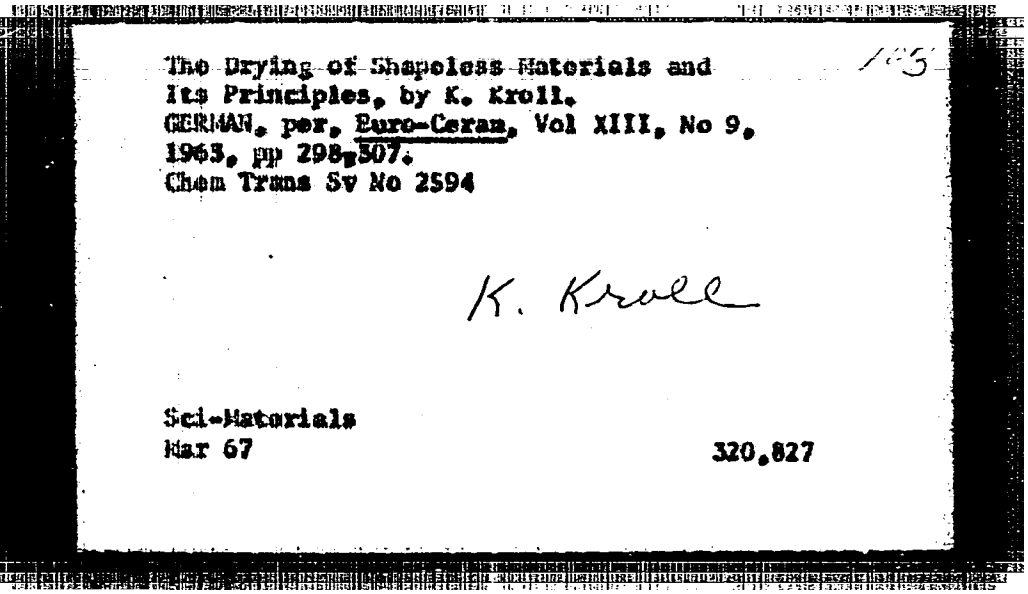

The Drying of Shapeless Materials and
Its Principles, by K. Kroll.
GERMAN, per. Euro-Ceram, Vol XIII, No 9,
1963, pp 298-307.
Chem Trans Sv No 2594

K. Kroll

Sci-Materials
Mar 67 320,827

APPROVED FOR RELEASE: 08/15/ 2001 CIA-RDP84-00581R000100300031-0

APPROVED FOR RELEASE: 08/15/ 2001 CIA-RDP84-00581R000100300031-0

Movement of Moisture in Conifers During Drying at Temperatures Around 100°. 1st pt. General Basis, by Karl Kroll, 27 pp.

GERMAN, per, Holz als Roh- und Werkstoff, Vol IX, No 5 May 1951, pp 176-181.

S.L.A. Tr No 340/1955

Scl - Engineering
Jan 1957 CTB/dex

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Movement of Moisture in Conifers During Drying at XX 100° Temperatures. Part II. Special Processes of Movement in Conifers, by Karl Kroll.

GERMAN, , Holz als Roh- und Werkstoff 9, No 5 pp 176-181 & no 6 pp 216-224, 1951.

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SLA - 627—Part I

Scientific - Geophysics

Translated at North Carolina State Library

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La reductibilite de l'oxyde de beryllium, by
W. Kroll, 8 pp.

GERMAN to FRENCH, per, Z Anorg Allg Chem Dtsch,
Vol CCXL, 1939, pp 331-336.

Reverse Translation
CEA-A-1075

Sci
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Eastern Europe/ Sci

The Reducibility of Beryllium Oxide, by W. Kroll, Sci
GERMAN, Zeitschrift für Anorganicshe Chemie, Vol 204,
1939. pp 331 - 336. AEC Tr[redacted]

S.L.A. 1027
CTS. Oct 49 (1/49)

A-6236

APPROVED FOR RELEASE: 08/15/ 2001 CIA-RDP84-00581R000100300031-0

APPROVED FOR RELEASE: 08/15/ 2001 CIA-RDP84-00581R000100300031-0

KROLL, W.

Electrothermic Refining of Metals

METALL & ERZ, vol 29, 1932, pp 365-367, 2400 words.

Brutcher No 2, $4.80

A 6137

APPROVED FOR RELEASE: 08/15/ 2001 CIA-RDP84-00581R000100300031-0

APPROVED FOR RELEASE: 08/15/ 2001 CIA-RDP84-00581R000100300031-0

Hot-Rolling of Manganese and Its Deformable Alloys, by W. Kroll, 7 pp.

GERMAN, per, Z fur Metallkunde, Vol XXXI, No 1, 1939, pp 20-23.

SLA 60-14620

Sci
Feb 62
Vol XIII, No 11

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APPROVED FOR RELEASE: 08/15/ 2001 CIA-RDP84-00581R000100300031-0

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Kroll, W.
LEAD CALCIUM ALLOYS FOR STORAGE BATTERIES AND CABLE SHEATH. [1961] 2p. 17 refs.
Order from SLA ml$1.80, ph$1.80 61-10089

Trans. of Z[eitschrift] f[ür] Metallkunde (Germany) 1938 [v. 30] p. 373.

(Unannounced)

1. Storage batteries--Materials
2. Calcium-lead alloys--Applications
3. Title: Cable sheath
I. Kroll, W.

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APPROVED FOR RELEASE: 08/15/ 2001 CIA-RDP84-00581R000100300031-0

APPROVED FOR RELEASE: 08/15/ 2001 CIA-RDP84-00581R000100300031-0

Sublimed Iron, by W. Kroll, 5 p.

GERMAN, per, Zeit Elektrochemie, 1934, Vol XL, No 6, pp 303-306.

SLA 59-20937

Sci
Mar 60
Vol 3, No 1

110, 883

APPROVED FOR RELEASE: 08/15/ 2001 CIA-RDP84-00581R000100300031-0

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KROLL, W.

Metallwirtschaft, vol. 13, pp. 21-23, 4 figures, 1900 words; 1934.

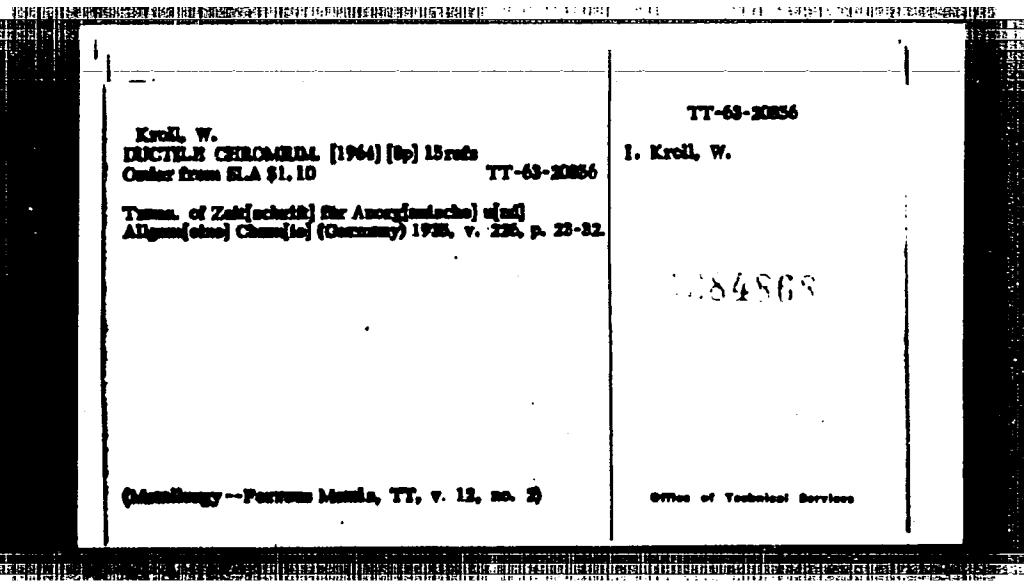
Desulphurization of Iron with Beryllium.

Brutcher Trans., Order No. 58, $1.90

16238

APPROVED FOR RELEASE: 08/15/ 2001 CIA-RDP84-00581R000100300031-0

APPROVED FOR RELEASE: 08/15/ 2001 CIA-RDP84-00581R000100300031-0



Kroll, W.
DUCTILE CHROMIUM. [1964] [8p] 15 refs
Order from SLA $1.10 TT-63-20856

Trans. of Zeit[schrift] für Anorg[anische] u[nd]
Allgem[eine] Chem[ie] (Germany) 1938, v. 236, p. 23-32.

(Metallurgy--Pervous Metals, TT, v. 12, no. 2)

TT-63-20856

I. Kroll, W.

284868

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APPROVED FOR RELEASE: 08/15/ 2001 CIA-RDP84-00581R000100300031-0

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Kuncewicz, Leszek.
CRITERIA FOR DETERMINATION OF THE APPLICABILITY OF FABRICS AS A FILTER MATERIAL. [1964] [21p] (figs omitted)
Order from SLA $2.60 TT-64-10810

Trans. of Staub (West Germany) 1963, v. 23, no. 6, p. 304-309.

(Materials--Textiles, TT, v. 12, no. 1)

TT-64-10810

I. Kuncewicz, L.

84860

Office of Technical Services

APPROVED FOR RELEASE: 08/15/ 2001 CIA-RDP84-00581R000100300031-0

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KROLL, W.

METALLWIRTSCHAFT, vol 13, 1934, pp 725-731.

Refining of Metallic Chromium, Aluminum, Silicon, and Beryllium by Vaporization under High Vacuum.

Brutcher #196, $9.80

A 6239

APPROVED FOR RELEASE: 08/15/ 2001 CIA-RDP84-00581R000100300031-0

APPROVED FOR RELEASE: 08/15/ 2001 CIA-RDP84-00581R000100300031-0

Metallurgical Use of Anhydrous Chlorides, Their Production and Properties, by W. Kroll, 41 pp.

GERMAN, per, Metall und Erz, Vol XXXVI, No 4, 1939, pp 101-106,; No 5, 1939, pp 125-131.

S. L. A. Tr 626/56

Sci - Min/Met

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Aug 56 CTS/dsx

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APPROVED FOR RELEASE: 08/15/ 2001 CIA-RDP84-00581R000100300031-0

The Importance of Non-Metallic Oxides for the Cycle of Organic Matter in the Soil, With Special Reference to the Catalytic Effect of Silicic Acid on the Reactions Building Up and Breaking Down Humic Acid, by T. Scheffer, W. Kroll.

GERMAN, A per, Agrochimica, Vol IV, No 2, 1960, pp 97-109.

CSIRO 5241

Sci - Chem
GGG Dec 61

175, 694

APPROVED FOR RELEASE: 08/15/ 2001 CIA-RDP84-00581R000100300031-0

APPROVED FOR RELEASE: 08/15/ 2001 CIA-RDP84-00581R000100300031-0

Ductile Alloys of Titanium, by W. Kroll, 8 pp.

GERMAN, per, Z.Metallkunde, Vol XXIX, No 6, 1937, pp 189-192. (loan copy only)

SLA 57-2652

Sci
Aug 58

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APPROVED FOR RELEASE: 08/15/ 2001 CIA-RDP84-00581R000100300031-0

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KROLL, W.

Advances in the Field of Metal Separation.

METALL UND ERZ, vol 35, 1938, pp 252-254 and 282-286; 7900 words.

Brutcher No 653, $ 7.50

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APPROVED FOR RELEASE: 08/15/ 2001 CIA-RDP84-00581R000100300031-0

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HROL, W.

Wissenschaftliche Veroeffentlichungen aus dem Siemens-konzern, vol. 8, 2 figures, 850-word abstract; 1929.

The alloys of beryllium with iron.

Brutcher, Trans. Order No. 1970, $1.30

A6241

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Kroll, W. J.
PROBLEMS OF TITANIUM METALLURGY. [1962]
[18]p. 41 refs.
Order from SLA $1.60 62-20095

Trans. of Metall (West Germany) 1955, v. 9, no. 1/2, p. 1-6.

DESCRIPTORS: *Titanium, Metallurgy, Oxides, Iron compounds, Titanium compounds.

(Metallurgy--Light Metals, TT, v. 9, no. 10)

62-20095

I. Kroll, W. J.

337263

Office of Technical Services

APPROVED FOR RELEASE: 08/15/ 2001 CIA-RDP84-00581R000100300031-0

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Kroll, W. J.
MELTING BY THE ELECTRIC ARC IN VACUUM.
[1963] 20p. 17 refs.
Order from SLA $1.60 63-16862

Trans. of Metall (West Germany) 1957 [v. 11, no. 1] p. 1-7.

DESCRIPTORS: *Titanium, *Zirconium, Melting, *Electric arcs, *Glow discharges, Gases, Absorption, *Vacuum systems, *Electrodes, Porous metals, Impurities, Hydrogen, Chlorides, Magnesium, Vaporization.

Topics include: Electrical phenomena in gases in a partial vacuum; the glow discharge; the sponge electrode and its behavior; the hydrogen problem; the properties of sponge electrodes in vacuum melting; and, melting under low partial pressure.
(Metallurgy, TT, v. 10, no. 7)

63-16862

1. Kroll, W. J.

1247349

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Alloys of Deformable Chromium, by Wilhelf Kroll, 8 pp.

GERMAN, per, Z fuer Metallkunde, Vol XXVIII, No 10, 1936, pp 317-319.

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Sci Lib
164, 843

Sci
Aug 61

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Process for the Production of Higher Molecular Weight Boron Alkyls From Lower Molecular Weight Boron Alkyls, by Karl Ziegler, R. Koster, W. R. Kroll, 6 pp.

GERMAN, patent specification 1,055,534 (St 13344 IV b/12o) filed 13 Jan 58, laid open to public inspection 23 Apr 59, by Karl Ziegler.

SLA 59-17236

Sci
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Vol 2, No 7

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APPROVED FOR RELEASE: 08/15/ 2001 CIA-RDP84-00581R000100300031-0

APPROVED FOR RELEASE: 08/15/ 2001 CIA-RDP84-00581R000100300031-0

Process for Recovery of Pure Titanium, by Wilhelm Kroll, 4 pp.

GERMAN, Patent No 674,625.

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Patent Office
Sci Lib (gift)

Sci - Chemistry
May 60

116,900

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Kröller, E.
INVESTIGATIONS ON THE DETERMINATION OF RESIDUAL AMOUNTS FROM NICOTINE-CONTAINING PLANT PROTECTION AGENTS. [1963] 11p 27refs
Order from SLA $1.60 TT-63-20734

Trans. of Deutsche Lebensmittel-Rundschau (West Germany) 1962, v. 58, no. 10, p. 293-296.
(Abstract available)

DESCRIPTORS: *Insecticides, *Nicotine, Toxicity, Plants (Botany), Quantitative analysis, *Ultraviolet spectroscopy.

Owing to the toxicity of nicotine, a sensitive method of estimating residual amounts in plant parts is required after the application of insecticides which contain nicotine. As a result of a critical discussion of the methods known at the present time for its qualitative
(Biological Sciences--Toxicology, TT, v. 11, no. 3)
(over)

TT-63-20734

I. Kröller, E.

...57921

Office of Technical Services

APPROVED FOR RELEASE: 08/15/ 2001 CIA-RDP84-00581R000100300031-0

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Identification of Additives in Tobacco Products,
by E. Kroller.
GERMAN, per, Deutsche Lebensmittel-Rundschau,
1963, vol. 59, no.11, pp. 317-320.
SLA-TT-64-20380

E. Kroller

Chem
Aug 66

306,610

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Investigations on the Determination of Residual Amounts from Nicotine-Containing Plant Protection Agents., by E. Kroller.
GERMAN, per, Dtsch. Lebensmitt Rdsch, Vol. 58, 1962, pp 293-296
GB/116

E. KROLLER

Sci -
July 1967

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APPROVED FOR RELEASE: 08/15/ 2001 CIA-RDP84-00581R000100300031-0

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Information on the Photosensitivity of Aryl$_8$ - Naphthylamine Azo Dyes, by F. Krollpfeiffer, H C. Mulhausen, G. Wolf, 22 pp.

GERMAN, per, Annalen der Chemie, Vol DVIII, 1934, pp 39-51.

NIH 3-18-61

Sci - Med
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The Effect of Fluctuations in the Incident Wave on the Mean Intensity Distribution in the Vicinity of the Focus of the Lens, by M. M. Krom, L. A. Chernov, 7 pp.

RUSSIAN, per, Akust Zhur, Vol IV, No 4, 1958, pp 341-347.

AIP
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Vol IV, No 4,

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Field Fluctuations Near the Focus of a Lens, by M. M. Krom, 6 pp.

RUSSIAN, per, Akust Zhur, Vol V, No 1, 1959, pp 45-50.

AIP
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Vol V, No 1

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(DC-5390).

Botanical Garden for Medicinal Plants in Zagreb, by Janez Kromar,

SLOVENIAN, per, Farmacevtski Vestnik, Vol XI, No 1-4, 1960, p 33.

*JPRS 8076

Sci - Med

14 Feb 61

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Equilibria Between Water and Sodium and Potassium Nitrates and Sulfates, by E. Cornec, H. Krombach, A. Spack, 3 pp.

FRENCH, per, Comptes Rendus, Vol CLXXXVIII, 1929, pp 1250-1253.

AEC Tr 2912

Sci - Chemistry
Jun 57

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What Is a Public Inland Port?, by Erich Krome, 5 pp.

GERMAN, per, Z fuer Binnenschiffahrt, Vol VI, 1959, pp 242-246.

ACSI, H-7112
ID 2147179

EEur - Germany

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Econ

Oct 60

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On the Theory of the Diffusion and of the Drift-Transistor, Part II. The Frequency Relation, by H. Kromer.

GERMAN, per, Archiv fur Elektrischen Uber-tragung, Vol VIII, 1952, pp 363-369.

CSIRO GB
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Sci - Phys
Apr 62

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Contribution to the Theory of the Germanium Rectifier and of the Transistor, by Herbert Kroemer, 15 p.

GERMAN, per, Zeit fur Phys, 1953, Vol CXXXIV, No 4, pp 435-450.

SLA 59-17941

Sci
Mar 60
Vol 2, No 11

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APPROVED FOR RELEASE: 08/15/ 2001 CIA-RDP84-00581R000100300031-0

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The Determination of Ammonia in Ammonium Salts in the Presence of Urea by Means of $Cd(OH)_2$.
by D. Pristavka, V. Krcmery, [illegible] 4 p.

CZECH, Chem Zvesti, 1956, Vol X, No 3, pp 183-187.

ATS-17L32C

Sci
Feb 60
Vol 2, No 9

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APPROVED FOR RELEASE: 08/15/ 2001 CIA-RDP84-00581R000100300031-0

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(NY-4225).

Ships of the Ugleural'sk Class, by A. G. Yel'nik, G. I. Pustynskiy, V. A. Kromikh, 8 pp.

RUSSIAN, per, Sudostroyeniye, No 3, 1960, pp 1-4.

JPRS 2945

USSR
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Jul 60

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On Measurements With Slow Alternating Currents and Their Application to the Location of Faults in Submarine Cables, by H. Salinger, H. Kromer, 21 pp.

GERMAN, per, Telegraphen u Fernsprech Tech, Vol XVIII, 1929, pp 235-241.

SLA 57-2161

Sci
Jul 58

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On the Theory of the Germanium Rectifier and the Transistor, by H. Kromer, 12 pp.

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SLA-57-2407

Scientific - Chemistry Nov 55 CTS/DEX

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